

Kennecott

Utah Copper Division
2300 West 1700 South
P. O. Box 31838
Salt Lake City, Utah 84131-0838
(801) 322-6123

*Hand delivered to
in field to stop*

** RECEIVED
NOVEMBER 9, 1984*

November 7, 1984



Kennecott

Mr. D. Wayne Hedberg
Permit Supervisor/Reclamation Hydrologist
State of Utah Natural Resources
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Dear Mr. Hedberg:

In response to your letter to Mr. Robert A. Malone dated November 2, 1984 concerning Kennecott's proposed excess storm water control facilities for the Bingham Canyon Mine, the detailed designs you requested in items 1 through 3 for raising the dikes of the old evaporation ponds were forwarded to you on October 24, 1984. Concerning item 4 (revegetation), the external raised dikes and areas disturbed in obtaining dike construction material will be revegetated during the spring of 1985 using 25 lbs/acre of 50% wheat grass, 25% yellow clover and 25% alfalfa. Fertilizer application during planting will be 100 lbs/acre of 16-16-8.

Initial work to slope and compact the Dry Fork waste dump in preparation for construction of the 1100 acre-foot Dry Fork impoundment is in process. Attached are design specifications for the dump face preparation and slurry cutoff wall. The design specifications for lining the dump face are being prepared and will be forwarded to you when complete.

Yours very truly,

S. D. Taylor
Division Environmental Engineer

SDT/ac
Attachments

cc: Messrs. R. K. Davey, w/o atts.
R. A. Malone, w/o atts.
C. K. Vance, w/o atts.
H. M. Wimborne, w/o atts.

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STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 2, 1984

CERTIFIED RETURN RECEIPT REQUESTED
(P402 457 059)

Mr. Robert A. Malone, Director
Environmental Affairs
Kennecott Minerals Corporation
P. O. Box 11248
Salt Lake City, Utah 84147

Dear Mr. Malone:

RE: Settling Basin Design Plans, Kennecott Minerals Corporation, Bingham Mine, ACT/035/002, Salt Lake County, Utah

Thank you for submission of plans received September 24, 1984 for construction of the settling basin(s) at the Bingham Mine site. However, lack of technical detail precludes the Division from granting an approval to the design at this time. The type of information still necessary for review includes:

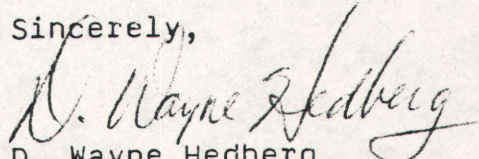
1. Size and type of materials to be used for the dikes.
2. Outlet design and sizing criteria.
3. Embankment design and sizing criteria.
4. Plans for temporary stabilization (revegetation) of all dikes, dams and other disturbed areas associated with this modification.

The Division does agree with the basic concept of the plan, however, the specific design criteria must be reviewed before even tentative or conditional approval could be considered. The Division would like to arrange an on-site visit to observe the areas associated with the proposal. If possible, we would prefer to set up such a meeting some time during the week of November 19.

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Mr. Robert A. Malone, Director
ACT/035/002
November 2, 1984

Please contact the Division at your earliest convenience
so that approval of the site modification can be expedited.

Sincerely,


D. Wayne Hedberg
Permit Supervisor/
Reclamation Hydrologist

DH/btb

cc: Steve McNeal
Dianne Nielson
Ron Daniels
Randy Harden
Lynn Kunzler
Sue Linner
Tom Portle
Tom Suchoski

03380-29 & 30